

ARTIFACT SHEET

Enter artifact number below. Artifact number is application number + artifact type code (see list below) + sequential letter (A, B, C ...). The first artifact folder for an artifact type receives the letter A, the second B, etc.. Examples: 59123456PA, 59123456PB, 59123456ZA, 59123456ZB

08428918 BA

Indicate quantity of a single type of artifact received but not scanned. Create individual artifact folder/box and artifact number for each Artifact Type.

☐

CD(s) containing:

computer program listing

Doc Code: Computer

pages of specification

and/or sequence listing

and/or table

Doc Code: Artifact

content unspecified or combined

Doc Code: Artifact

☐

Artifact Type Code: P

☐

Artifact Type Code: S

☐

Artifact Type Code: U

☐

Stapled Set(s) Color Documents or B/W Photographs

Doc Code: Artifact Artifact Type Code: C

☐

Microfilm(s)

Doc Code: Artifact Artifact Type Code: F

☐

Video tape(s)

Doc Code: Artifact Artifact Type Code: V

☐

Model(s)

Doc Code: Artifact Artifact Type Code: M

☒

Bound Document(s)

Doc Code: Artifact Artifact Type Code: B

☐

Confidential Information Disclosure Statement or Other Documents marked Proprietary, Trade Secrets, Subject to Protective Order, Material Submitted under MPEP 724.02, etc.

Doc Code: Artifact Artifact Type Code X

☐

Other, description: _____

Doc Code: Artifact Artifact Type Code: Z

#6
6/29/96

RECEIVED
JUN 14 1996
GROUP 3200

The
United
States
of
America

The Commissioner of Patents
and Trademarks

*Has received an application for a patent
for a new and useful invention. The title
and description of the invention are en-
closed. The requirements of law have
been complied with, and it has been de-
termined that a patent on the invention
shall be granted under the law.*

Therefore, this

United States Patent

*Grants to the person or persons having
title to this patent the right to exclude
others from making, using or selling the
invention throughout the United States
of America for the term of seventeen
years from the date of this patent, sub-
ject to the payment of maintenance fees
as provided by law.*

Michael R. Turk

Acting Commissioner of Patents and Trademarks

Sandra L. Morton

Attest





US005207018A

United States Patent [19]

Reaver et al.

[11] Patent Number: **5,207,018**[45] Date of Patent: **May 4, 1993**[54] **COMBINATION FLY SWATTER AND INSECT TRAP**[76] Inventors: **Robert R. Reaver; Carol Reaver**, both of 1643 Avenida Loma Vista, San Dimas, Calif. 91773[21] Appl. No.: **830,382**[22] Filed: **Feb. 3, 1992**[51] Int. Cl.⁵ **A01M 3/00; A01M 3/02**[52] U.S. Cl. **43/137; 43/134**[58] Field of Search **43/134, 137, 139**[56] **References Cited****U.S. PATENT DOCUMENTS**

499,722	6/1893	Edge	43/134
1,081,364	12/1913	Chapman	43/137
1,179,303	4/1916	Hanlon	43/137
1,462,416	7/1923	McDermott	43/134
1,604,460	10/1926	Marlow	
3,494,067	2/1970	Potrzuski	
3,659,374	5/1972	Steves	43/134
4,120,114	10/1978	Little	43/137
4,132,027	1/1979	Malachieski	43/134
4,174,586	11/1979	Burzdak	
4,272,906	6/1981	Liebling	
4,324,062	4/1982	Schneider	
4,759,150	7/1988	Pierce	43/137

FOREIGN PATENT DOCUMENTS

3926573 3/1990 Fed. Rep. of Germany 43/137

533116 3/1921 France 43/137
908392 10/1962 United Kingdom 43/134*Primary Examiner*—Kurt C. Rowan
Attorney, Agent, or Firm—Kelly, Bauersfeld & Lowry[57] **ABSTRACT**

A hand held fly swatter apparatus is provided which is capable of being configured to capture insects alive from given surfaces to allow their subsequent disposal. The apparatus includes a flexible handle having a transparent rigid housing attached to a front end thereof. The housing defines an insect trap compartment having a large aperture through which an insect is placed within the insect trap compartment. The housing provides a pair of parallel channels which extend along opposite sides of the compartment aperture and are arranged to support a front end portion of a mesh closure member. The mesh closure member is slidable between a retracted position to permit access to the insect trap compartment, and an extended position wherein the mesh closure member covers the compartment aperture. A rear slide clamp attached to a rear end portion of the mesh closure member supports the closure member relative to the handle. Bumpers are provided to limit movement of the mesh closure member between the defined retracted and extended positions. The housing and the mesh closure member, in its extended position, cooperatively provide a fly swatter.

19 Claims, 1 Drawing Sheet